

Simple Solutions® Level 1 Science Topic Guide

The science topics listed below are introduced and systematically re-visited throughout Level 1 and in subsequent *Simple Solutions* Science books. *Mini Teachings* and diagrams embedded in the lessons give students the information they need to complete the items independently. Also, the Help Pages – found in the back of each book – provide a reference guide which includes a glossary and other important charts or diagrams.

Topic	Lesson
Five Senses <i>Mini Teaching</i>	1
Living Things <i>Mini Teaching</i>	2
Nonliving Things <i>Mini Teaching</i>	3
Animals Need Food <i>Mini Teaching</i>	4
Animals Need Water and Air <i>Mini Teaching</i>	5
Animals Need Shelter <i>Mini Teaching</i>	6
Things That Help Animals Meet Their Needs <i>Mini Teaching</i>	8
Animal Groups: Mammal <i>Mini Teaching</i>	10
Animal Groups: Bird <i>Mini Teaching</i>	11
Animal Groups: Fish <i>Mini Teaching</i>	12
Animal Groups: Reptile <i>Mini Teaching</i>	13
Animal Groups: Amphibian <i>Mini Teaching</i>	14
Life Cycle <i>Mini Teaching</i>	17
Life Cycle of a Frog <i>Mini Teaching</i>	18
Forest <i>Mini Teaching</i>	20
Ocean <i>Mini Teaching</i>	21
Desert <i>Mini Teaching</i>	22
What Do Plants Need? <i>Mini Teaching</i>	24
Parts of a Plant <i>Mini Teachings</i>	25 - 26
Weather <i>Mini Teaching</i>	28
Measuring Temperature <i>Mini Teaching</i>	29

Topic	Lesson
Measuring Wind Direction <i>Mini Teaching</i>	31
Clouds <i>Mini Teaching</i>	33
Cumulus Clouds <i>Mini Teaching</i>	34
Stratus Clouds <i>Mini Teaching</i>	35
Cirrus Clouds <i>Mini Teaching</i>	36
Flood <i>Mini Teaching</i>	40
Drought <i>Mini Teaching</i>	41
What is Matter? <i>Mini Teaching</i>	42
Solid <i>Mini Teaching</i>	43
Liquid <i>Mini Teaching</i>	44
Sink or Float? <i>Mini Teaching</i>	45
Gas <i>Mini Teaching</i>	46
What is Heat? <i>Mini Teaching</i>	49
Light Energy <i>Mini Teaching</i>	50
Sound Energy <i>Mini Teaching</i>	51
Night and Day <i>Mini Teaching</i>	53
What Causes Night and Day? <i>Mini Teaching</i>	54

Science Inquiry is embedded in multiple lessons: reading and interpreting simple graphs, tables, and graphic organizers, recording information in graphic organizers, classifying information, and communicating data through images and graphic organizers.